

**Amendments to the Claims**

1. (CURRENTLY AMENDED) An integrated circuit (5)-for a data carrier (1), which integrated circuit (5)-comprises the following means:
  - a first terminal (6)-and a second terminal (7), wherein the two terminals (6, 7)-are provided for connection with transmission means (2)-of the data carrier (1), and
  - an ESD protection circuit (8), which is connected between the two terminals (6, 7)-and which comprises a series connection (9)-consisting of a first protection diode (10)-and a protection stage (11), which protection stage (11)-may be brought from a blocking state into a conductive state by exceeding a voltage threshold, and which comprises a second protection diode (12)-connected in parallel with the series connection (9)-and in opposition to the first protection diode (10)-of the series connection (9), and
  - a rectifier circuit (13), which is connected to the ESD protection circuit (8)-and comprises a rectifier diode connected in parallel with the ESD protection circuit (8),
    - wherein the rectifier diode of the rectifier circuit (13)-takes the form of a Schottky diode (21)-with a parasitic p/n junction (26)-and wherein the Schottky diode (21)-with the parasitic p/n junction (26)-forms the second protection diode of the ESD protection circuit (8).
2. (CURRENTLY AMENDED) An integrated circuit (5)-as claimed in claim 1, wherein the rectifier circuit (13)-takes the form of a voltage doubler circuit.
3. (CURRENTLY AMENDED) A data carrier (1)-for contactless communication with a communications station, which data carrier (1)-comprises transmission means (2)-and an integrated circuit (5)-connected with the transmission means (2), which integrated circuit (5)-comprises the following means:
  - a first terminal (6)-and a second terminal (7), wherein the two terminals (6, 7)-are connected with the transmission means (2), and
  - an ESD protection circuit (8), which is connected between the two terminals (6, 7)-and which comprises a series connection (9)-consisting of a first

protection diode (10) and a protection stage (11), which protection stage (11) may be brought from a blocking state into a conductive state by exceeding a voltage threshold, and which comprises a second protection diode (12) connected in parallel with the series connection (9) and in opposition to the first protection diode (10) of the series connection (9), and

a rectifier circuit (13), which is connected to the ESD protection circuit (8) and comprises a rectifier diode connected in parallel with the ESD protection circuit (8),

wherein the rectifier diode of the rectifier circuit (13) takes the form of a Schottky diode (21) with a parasitic p/n junction (26) and wherein the Schottky diode (21) with the parasitic p/n junction (26) forms the second protection diode of the ESD protection circuit (8).

4. (CURRENTLY AMENDED) A data carrier (1) as claimed in claim 3, wherein the rectifier circuit (13) takes the form of a voltage doubler circuit.